

FORM PTO-1449
(REV.7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
740073.450C1APPLICATION NO.
09/921,496

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS

Markku Hämäläinen et al.

FILING DATE

August 3, 2001

GROUP ART UNIT

1645-1641

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
u	AA	5,242,828	09/07/93	Bergström et al.	435	291	
	AB	5,313,264	05/17/94	Ivarsson et al.	356	73	
	AC	5,338,659	08/16/94	Kauvar et al.	435	7.1	
	AD	5,436,161	07/25/95	Bergström et al.	435	291	
	AE	5,485,277	01/16/96	Foster	356	445	
	AF	5,492,840	02/20/96	Malmqvist et al.	436	518	
	AG	5,554,541	09/10/96	Malmqvist et al.	436	518	
	AH	5,620,850	04/15/97	Bamdad et al.	530	300	
	AI	5,716,854	02/10/98	Löfås et al.	436	518	
u	AJ	5,955,729	09/21/99	Nelson et al.	250	282	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
u	AK	WO 97/09618	03/13/97	WIPO		
u	AL	WO 99/63333	12/09/99	WIPO		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

u	AM	Cook et al., "Effect of Salicylic Acid on the Plasma Protein Binding and Pharmacokinetics of Misoprostol Acid," <i>Journal of Pharmaceutical Sciences</i> 83(6):883-886, June 1994.
u	AN	Gex-Fabry et al., <i>Pharmacokinetics of Drugs</i> , Springer-Verlag, New York, 1994, Chapter 18, "Considerations on Data Analysis Using Computer Methods and Currently Available Software for Personal Computers," pp.507-527.
u	AO	Giorgio et al., "Pharmacokinetics in a Phase I Study of a Chimerized Monoclonal-epidermal Growth Factor Receptor (EGFr) Antibody C225, as Determined by Surface Plasmon Resonance," in 87 th <i>Annual Meeting of the American Association for Cancer Research</i> , Proceedings of the American Association for Cancer Research, New York, April 22, 1996, Volume 37, March 1996, #1230, pp. 180.

EXAMINER

C. Chin

DATE CONSIDERED

12/14/03

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BA						

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BB			

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u	BC	Gomeni, "Pharm-An Interactive Graphic Program for Individual and Population Pharmacokinetic Parameter Estimation," <i>Comput. Biol. Med.</i> 14(1):25-34, 1984.
	BD	Kansy et al., "Physicochemical High Throughput Screening: Parallel Artificial Membrane Permeation Assay in the Description of Passive Absorption Processes," <i>Journal of Medicinal Chemistry</i> 41(7): 1007-1010, March 26, 1998.
	BE	Keller et al., "Standardized Structure and Modular Design of a Pharmacokinetic Database," <i>Computer Methods and Programs in Biomedicine</i> 55:107-115, 1998.
	BF	Kubota and Ishizaki, "A Diffusion-Diffusion Model for Percutaneous Drug Absorption," <i>Journal of Pharmacokinetics and Biopharmaceutics</i> 14(4):409-439, 1986.
	BG	Löfås and Johnsson, "A Novel Hydrogel Matrix on Gold Surfaces in Surface Plasmon Resonance Sensors for Fast and Efficient Covalent Immobilization of Ligands," <i>J. Chem. Soc. Chem. Commun.</i> 21:1526-1528, 1990.
	BH	Lundström, "Real-time Biospecific Interaction Analysis," <i>Biosensors & Bioelectronics</i> 9:725-736, 1994
	BI	Madaras-Kelly et al., "Twenty-Four-Hour Area under the Concentration-Time Curve/MIC Ratio as a Generic Predictor of Fluoroquinolone Antimicrobial Effect by Using Three Strains of <i>Pseudomonas aeruginosa</i> and an In Vitro Pharmacodynamic Model," <i>Antimicrobial Agents and Chemotherapy</i> 40(3):627-632, March 1996.
	BJ	Majamdar, "Characterization of the Dose-Dependent Time of Peak Effect in Indirect Response Models," <i>Journal of Pharmacokinetics and Biopharmaceutics</i> , 26(2):183-206, 1998.
u	BK	Pacifici and Viani, "Methods of Determining Plasma and Tissue Binding of Drugs," <i>Clinical Pharmacokinetic Concepts</i> 23(6):449-468, 1992.

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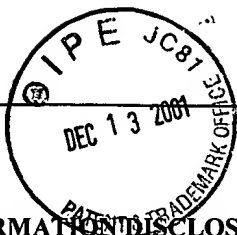
FOREIGN PATENT DOCUMENTS

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				YES	NO
CB					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

u	CC	Pelkonen and Breimer, "Role of Enviromental Factors in the Pharmacokinetics of Drugs: Considerations with Respect to Animal Models, P-450 Enzymes, and Probe Drugs," in Welling and Balant (eds), <i>Pharmacokinetics of Drugs</i> , Springer-Verlag, New York, 1994, pp.287-332.
	CD	Podczek et al., "The Assessment of Pharmacokinetic Parameters of Teicoplanin in Burns Comparing the Methods of Nonlinear Curve Fitting and Quantified Maximum Entropy," <i>International Journal of Pharmaceutics</i> 142:235-246, 1996.
	CE	Purves, "Numerical Estimation of the Noncompartmental Pharmacokinetic Parameters Variance and Coefficient of Variation of Residence Times," <i>Journal of Pharmaceutical Sciences</i> 83(2):202-205, February 1994.
	CF	Rowland, "Kinetics of Drug-Drug Interactions," in Teorell et al. (eds), <i>Pharmacology and Pharmacokinetics</i> , Plenum Press, 1975, pp. 321-337.
	CG	Shek et al., "Distribution of Free and Liposomal Cefoxitin in Plasma and Peritoneal Fluid in a Porcine Intra-abdominal Sepsis Model," <i>Journal of Drug Targeting</i> 5(5):353-364, 1998.
	CH	Singvi, "Estimation of Pharmacokinetic Parameters from Postinfusion Blood Level Data Obtained after Simultaneous Administration of Intravenous Priming and Infusion Doses," <i>Journal of Pharmaceutical Sciences</i> 66(10):1499-1501, October 1977.
u	CI	Upton et al., "A Method for Estimating Within-Individual Variability in Clearance and in Volume of Distribution from Standard Bioavailability Studies," <i>Journal of Pharmacokinetics and Biopharmaceutics</i> 10(2):135-146, 1982.

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					YES	NO
	DI					
	DJ					
	DK					

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u	DL	Vogelman et al., "Correlation of Antimicrobial Pharmacokinetic Parameters with Therapeutic Efficacy in an Animal Model," <i>The Journal of Infectious Disease</i> 158(4):831-847, October 1988.
u	DM	Yacabi and Levy, "Comparative Pharmacokinetics of Coumarin Anticoagulants XXI: Effects of Plasma Protein Binding on Distribution Kinetics of Warfarin in Rats," <i>Journal of Pharmaceutical Sciences</i> 66(4):567-572, April 1977.
u	DN	Yamaguchi et al., "Research to Develop a Predicting System of Mamalian Subacute Toxicity (3) Construction of a Predictive Toxicokinetics Model," <i>Chemosphere</i> 33(12):2441-2468, 1996.
u	DO	Yokel, "Benefit vs. risk of oral aluminum forms: antacid and phosphate binding vs. absorption," <i>Drug and Chemical Toxicology</i> 12(3-4):277-286, 1989

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